

*Journal of*

# Mathematical Analysis and Applications

*VOLUME 140, 1989*

*Editors:* R. P. Boas      George Leitmann

*Associate Editors*

David Aldous	C. Foias	Cathleen S. Morawetz
Leonard D. Berkovitz	Avner Friedman	P. M. Naghdi
Bruce C. Berndt	George Gasper	Shunji Osaki
J. L. Brenner	Ulrich Höhle	Murray H. Protter
Stavros N. Busenberg	James S. Howland	A. G. Ramm
John L. Casti	D. M. Jackson	G.-C. Rota
Frank H. Clarke	V. Lakshmikantham	A. Schumitzky
Kenneth L. Cooke	E. Stanley Lee	Ivar Stakgold
Jane Cronin	Art Lew	Dorothy Maharam Stone
Augustine O. Esogbue	Michael Magill	L. Zadeh
Ky Fan	S. M. Meerkov	

*Founding Editor:* Richard Bellman



**ACADEMIC PRESS, INC.**

Harcourt Brace Jovanovich, Publishers

San Diego New York Boston

London Sydney Tokyo Toronto